Halifax Rural District Council.

ANNUAL REPORT

OF

THE MEDICAL OFFICER OF HEALTH,

For the Year 1895,

BY

MEREDITH YOUNG, M.B., C.M.

(Univ. Edin.),

Medical Officer of Health for the Borough of Brighouse; Fellow of the Incorporated Society of Medical Officers of Health; Member British Medical Association, &c.

BRIGHOUSE:

J. S. JOWETT, PRINTER, "NEWS" OFFICE.

1896.

Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

https://archive.org/details/b29406808

Halifax Rural District Council.

1895-6.

Chairman:

District-Councillor D. U. SUTCLIFFE, J.P.

Vice-Chairman:

District-Councillor BENJN. SUTCLIFFE.

Members of Council:

District-Councillor G. E. ABBOT (Upper Greetland).

,, ,, G. J. ARMYTAGE (Hartshead).

,, ,, J. BOOTH CARTER (Norwood Green and Coley).

,, ,, A. CROWTHER (Fixby).

,, ,, J. RAMSDEN (Clifton).

,, ,, L. W. H. SHOESMITH (Skircoat).

,, ,, LEWIS WHITTAKER (Norland).

INTRODUCTION.

To the Chairman and Members of the Halifax Rural District Council.

GENTLEMEN,

In presenting to you my Report on the Health of your District for the year 1895 I desire to call your attention especially to the large increase in the amount of work done. Having had some experience of your District before the passing of the Local Government Act, 1894, I can testify to the great impetus it has given to sanitary work and to the great interest in public health administration it has inculcated amongst working men.

I trust the few new features I have introduced into the Report may prove of interest and service.

The only two diseases which have been prevalent to any extent are Scarlet Fever and Enteric or Typhoid Fever. Several cases have had to be removed to Hospital not only for their own sakes but also for the sakes of the relatives and neighbours and in every case where removal to Hospital has been carried out it has proved of service in at once checking the spread of the disease and the patients have in every case recovered. No better argument than this can be found I think for the pushing forward of the scheme for the extension of the existing Hospital at Clifton—a matter on which I believe your Council thinks as I do, namely, that no time whatever should be lost and no cost should be spared.

In the matter of Sewerage which is exercising your attention in several districts at present I notice with pleasure that small patchwork schemes are not being entertained, but that schemes to include as large an area as possible are having your favourable consideration. Though the prime cost of this may be greater, a saving will be effected in the end, and the money for a large scheme can generally be borrowed, the repayment being spread over a number of years.

I have to thank your Council for the kind consideration and attention you have given to any matter which I have brought before you, and for the energy and thoroughness with which you have invariably carried out my suggestions.

I have the honour to be, Gentlemen,

Your obedient servant,

MEREDITH YOUNG.

Brighouse, March, 1896.

Halifax Rural District Council.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1895.

Population.—I have estimated the population of your combined districts at the middle of the year 1895 as being 8471. In the districts of Fixby, Upper Greetland and Norland there has probably been a slight decrease, whilst there has been an increase in the other districts, the net result being an increase of 57 in the whole district on the 1891 population.

The density of population is on the average 554 persons per square mile taking the census of 1891 as a basis, or in other words there was at that time 1 1-6 acre per person.

Births.—There have been 215 births registered during the year, namely, 115 of males and 100 of females, or at the rate of 25·38 per thousand of the estimated population, as compared with 28·3 for the previous year, and 30·3 the rate for England and Wales for 1895. In the various sub-districts the birth-rates have been rather more even or uniform than they were last year and have varied from 16·9 in Hartshead to 28·5 in Clifton.

Deaths.—There have been 124 deaths registered in the whole of the district, namely, 62 males and 62 females. But two deaths of males, belonging to the district, have occurred in the Wakefield Asylum (of Clifton and Hartshead residents respectively) so that the total becomes 126, namely, 64 males and 62 females, equal to a death-rate per thousand of the estimated population of 14·8, as compared with 14·6 for 1894, and with 18·7 that for England and Wales for 1895.

The lowest death-rate has been in Hartshead (8·95) though in Norland it was only 9·90; the highest rate was in Upper Greetland (27·8).

Classifying the deaths at various ages we find that they run as under:—

(a) Under 1 Year—30 deaths. This is at the high rate of 139 per thousand of the registered births and means that about one-seventh of the children born have not survived the first year of life.

(b) 1 to 5 years—13 deaths.

(c) 5 to 15 years } Six deaths in each age period.
(d) 15 to 25 years }

(e) 25 to 65 years—41 deaths, including the deaths of two residents who died outside the district.

(f) 65 years and upwards—30 deaths.

Total at all ages—126.

The births and deaths in each sub-district are given separately in a table which is appended.

PRINCIPAL CAUSES OF DEATH.

(1). The "**seven principal zymotic diseases**" have been responsible for 15 deaths which gives us a zymotic death-rate of 1·7 per thousand of the estimated population, as compared with 2·14 the same rate for England and Wales for 1895.

(2). The deaths from **Respiratory Diseases** have numbered 26, which gives us a special rate of 3·07 per thousand of the population.

(3). The deaths from **Phthisis** or **Consumption of the Lungs** have been 8, or at the rate of 0·94 per thousand.

SUMMARY OF VITAL STATISTICS IN SUB-DISTRICTS.

Clifton.—*Births:* 29 males and 36 females, equal to a rate per thousand of the estimated population of 28·3.

Deaths: 20 males and 20 females, equal to a death-rate of 17·2.

Infectious Disease: 3 cases of Scarlet Fever, 1 of Diphtheria, 6 of Typhoid Fever and 1 of Continued Fever. The 6 cases of Typhoid Fever were all in the same house and are alluded to elsewhere in the Report.

Fixby.—*Births:* 6 of males and 6 of females. Birth-rate 25·2.

Deaths: 2 of males and 4 of females. Death-rate 12·6.

Infectious Disease: 3 cases of Scarlet Fever, one of which was removed to the Birkby Fever Hospital, Huddersfield.

Upper Greetland.—*Births:* 5 of males and 5 of females. Birth-rate 27·8.

Deaths: 4 of males and 6 of females. Death-rate 27·8.

Infectious Disease: 1 case of Scarlet Fever and 1 case of Diffuse Erysipelas, which latter was fatal.

Hartshead.—*Births:* 11 of males and 17 of females. Birth-rate 16·9.

Deaths: 4 of males and 6 of females. Death-rate 8·95.

Infectious Disease: 1 case of Scarlet Fever and 1 of Membranous Croup.

Norland.—*Births:* 17 of males and 14 of females. Birth-rate 20·8.

Deathr: 7 of males and 7 of females. Death-rate 9·9.

Infectious Disease: 14 cases of Scarlet Fever and 3 of Diphtheria. There were probably very many more cases of Scarlet Fever than this, of which I never received any information.

Norwood Green & Coley.—*Births:* 11 of males and 7 of females. Birth-rate 20·3.

Deaths: 14 of males and 7 of females. Death-rate 23·7.

Infectious Disease: 1 case of Scarlet Fever (removed to Halifax Borough Fever Hospital) and 1 case of Typhoid Fever.

Skircoat.—*Births:* 36 of males and 15 of females. Birth-rate 26·6.

Deaths: 13 of males and 12 of females. Death-rate 12·7.

Infectious Disease: 2 cases of Scarlet Fever and 1 of Typhoid Fever, the latter being removed to the Halifax Borough Fever Hospital.

CLASSIFICATION OF CAUSES OF DEATH.

	Under 5 Years.	Over 5 Years.	Total at All Ages.
Class I.—Zymotic Diseases.			
Scarlet Fever	1	0	1
Diphtheria	0	2	2
Membranous Croup	2	1	3
Typhoid Fever	1	1	2
Continued Fever	0	1	1
Measles	1	0	1
Whooping Cough	1	0	1
Diarrhœa	2	2	4
Erysipelas	1	0	1
Class IV.—Constitutional Diseases.			
Rheumatic Fever	0	1	1
Pulmonary Consumption	0	8	8
Scrofulous Diseases	2	1	3
Cancer	0	6	6
Class V.—Developmental Diseases.			
Premature Birth	5	0	5
Old Age	0	6	6
Class VI.—Local Diseases.			
Diseases of Nervous System ...	6	9	15
,, Circulatory ,, ...	0	8	8
,, Respiratory ,, ..	14	12	26
,, Digestive ,, ..	1	3	4
,, Urinary ,, ...	0	3	3
Class VII.—Violence.			
Accidents	0	3	3
Class VIII.—Ill-defined and not specified causes.			
Debility, Atrophy, Inanition ...	4	0	4
All other Diseases	2	16	18
TOTAL	43	83	126

TABLE SHEWING POPULATION, BIRTHS, DEATHS, &c., DURING THE FIVE YEARS 1890 TO 1894 INCLUSIVE, AND DURING 1895.

Year.	Population.	Births	Birth Rate.	England & Wales Birth Rate.	Deaths	Death Rate.	England & Wales Death Rate.
1890	9838	256	26·0	29·7	157	15·9	19·2
1891	9525	290	30·4	31·4	205	21·5	20·2
1892	9626	265	27·5	30·5	170	17·6	19·0
1893	8442	241	28·5	30·8	139	16·4	19·2
1894	8457	240	28·3	29·6	124	14·6	16·6
Average for above 5 years.	—	258	28·1	30·6	159	17·2	18·8
1895	8471	215	25·38	30·3	124	14·8	18.7

TABLE SHEWING POPULATION, BIRTHS, DEATHS, &c., IN SUB-DISTRICTS.

Sub-District.	Popl'n census 1881.	Popl'n census 1891.	Est'ed to middle of 1895	Estimated Increase.	Estimated Decrease.	Births.		Birth Rate per 1000 of Estimatd Popul'tn.	(Corrected.) Deaths.		Death Rate per 1000 of Estimatd Popul'tn.
						Male.	Fem'le		Male.	Fem'le	
CLIFTON - - - -	2182	2275	2316	41	—	29	36	28·5	20	20	17·2
FIXBY - - - - -	503	485	476	—	9	6	6	25·2	2	4	12·6
GREETLAND (UPPER) - -	535	405	359	—	46	5	5	27·8	4	6	27·8
HARTSHEAD - - -	842	991	1062	71	—	11	17	16·9	4	6	8·95
NORLAND - - - -	1493	1437	1414	—	23	17	14	20·7	7	7	9·90
NORWOOD GREEN & COLEY	852	875	884	9	—	11	7	20·3	14	7	23·7
SKIRCOAT - - - -	1913	1946	1960	14	—	36	15	26·6	13	12	12·7
Total for combined District	8320	8414	8471	Net Increase 57		115	100	25·38	64	62	14·8

NOTIFICATION OF INFECTIOUS DISEASE.

I have received notifications of 40 cases of Infectious Disease during the year, namely :—

Scarlet Fever	25
Diphtheria	4
Membranous Croup ...	1
Typhoid Fever	8
Continued Fever ...	1
Erysipelas	1

Cases of **Scarlet Fever** have occurred in all your districts without exception, though Norland has suffered by far the worst, 14 of the 25 notified cases being in that district.

I had to caution many parents against the exposure of their children whilst in an infectious state, and also for not notifying the disease, and had I been able to find a case where the non-notification of this disease could have been satisfactorily proved I should undoubtedly have recommended your Council to prosecute, for it was this concealment of the disease which in my opinion was the chief cause of its spread.

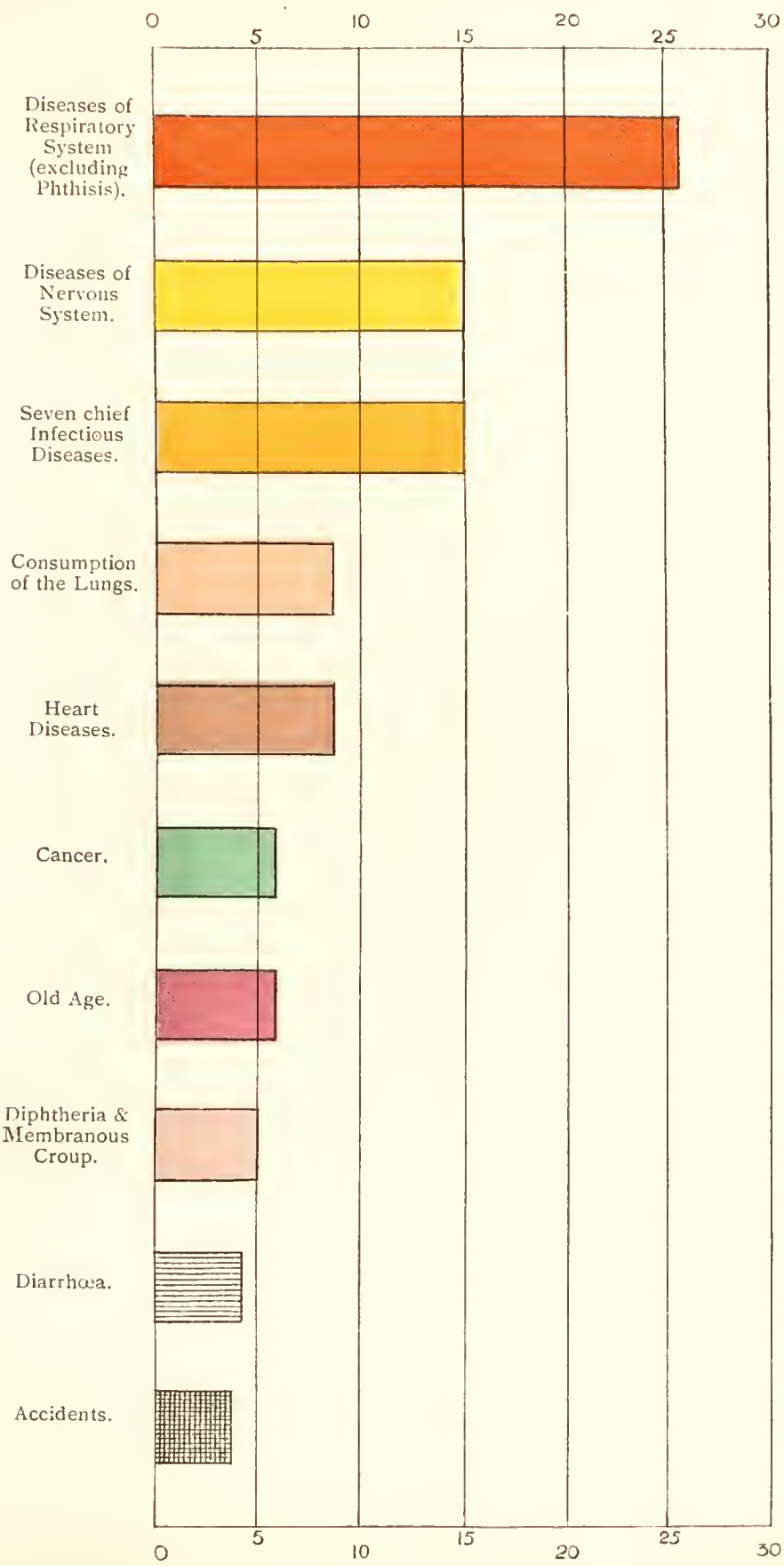
I also made a house to house inspection of several of those portions of Norland where the disease existed, and handbills were freely distributed.

Your Council had a sad experience of the want of an Isolation Hospital in the case of an outbreak of typhoid fever at Clifton. This disease began in a four-roomed house in the beginning of the year and spread from one to another of the family until 7 persons were affected, one of whom died. Two nurses were engaged for the whole of the time and the house was practically converted into a temporary hospital, your Council being put to very considerable expense in the matter. Had the first case been promptly removed six other cases and one life might have been saved.

In several cases I have ordered the removal of the patient to either Huddersfield or Halifax Hospital with the excellent result of at once and finally checking the spread of the disease. Other cases have been supplied with trained nurses on my recommendation also with markedly beneficial results.

In Table B which is appended you will see the distribution of the different diseases in the various sub-districts.

CHART shewing Deaths from Principal Diseases and Groups of Diseases during the year 1895.



SANITATION.

There have been 39 new houses built during the year 1895, and building is going on to a fair extent in all your districts.

Sixteen covered privy-middens have been constructed and 2 water closets.

Notification of Infectious Disease.—Several cases of infringement of the provisions of this Act have been reported to your Council by me during the year and the Clerk has been instructed to send the persons concerned a cautionary letter. I cannot but think that a formal prosecution would have a more widespread and beneficial effect even though your Council were to ask for no penalty and were to pay the costs.

Certainly one can do very little good in preventing the spread of a disease when one does not hear anything of its existence until several weeks after its commencement.

Nuisances, &c.—At the close of 1894 there were 37 nuisances in hand; during 1895 there were 225 reported, making a total of 262 to be dealt with.

Of these 238 have been properly abated leaving 24 in course of being attended to.

The whole of this work, I am glad to say, has been carried out without recourse to any legal proceedings.

Two houses certified by me to be unfit for habitation have been rendered fit.

The number of sinks disconnected and trapped during the year has been 64.

Sale of Food and Drugs Act.—Your Inspector and myself were appointed Inspectors under the above Acts and duly empowered by special resolution to take samples.

Ten samples (of milk, coffee, &c.) have been taken, and have been submitted to the County Analyst who has had no occasion to complain of any deficiency in the nature, substance or quality of the articles.

Canal Boats have received the attention of your Inspector, and his special report is appended. I have not found any cases of sickness in those which I have inspected, nor has any such case been reported to me.

Slaughterhouses.—Five have been inspected, and, with one exception, they have all been found satisfactory. The drainage of this one (at Hartshead) was very defective, but I have seen the owner in company with your Inspector, and we have arranged for a thorough redraining to be carried out.

Dairies, Cowsheds, &c.—The Order relating to these places has been revived during the year, and copies of the Regulations placarded and sent out to all known milkdealers or cowkeepers. Numerous applications for registration have been received and duly sanctioned.

There have been 43 cowsheds inspected during the year and on the whole these have been found fairly satisfactory.

Offensive Trades.—These are of the nature of soapworks and tanneries, and 5 of these have been inspected. Only two were found in a fair condition, whilst three were unsatisfactory, and of these latter one was closed, and the premises of the other two were altered.

Scavenging.—In my last annual report I suggested that a trial should be made of the contract system for the emptying of privies and ashpits, and I am happy to say Clifton has this year tried it with beneficial results. The other districts are still adhering to the old and unsatisfactory plan of leaving the cleansing of ashpits, &c., to the tenants.

The annual cost to Clifton, with a population of 2316 and about 480 houses, has only been £55, or equal to a rate of *less than one penny in the pound.* I should like to know what tenant would not gladly pay a shilling a year to be relieved of the trouble of arranging for his privy and ashplace to be regularly emptied.

I do not say that the contract system is the best, for cleaning by the Council's own Sanitary staff would undoubtedly be an improvement upon it, but this I do say, that it is a very distinct sanitary advance on the old system of leaving the cleansing of such places to the sweet-will of the tenants, and such a trivial cost as seven-eighths of a penny in the pound should on no consideration be allowed to stand in the way.

I hope your Council will urge upon the other districts the importance of this matter.

Sewerage and Drainage.—A great deal of good and much needed work has been done in almost all of the districts during the past year.

In Clifton the drainage of Kiln Fold and Savile Lane has been under consideration, but the doing of this particular portion has been deferred until a committee can be formed to deal with the whole of the drainage of Clifton, a complete scheme being contemplated.

Several small lengths of sewer have been relaid.

In Fixby a tank has been put in to take the sewage from Lightridge.

At Burn, in the same district, the stream, which is used for drinking and domestic purposes by a number of houses, is fouled by stable and cowshed drainage, cattle, ducks, pigs, &c., and by house drainage.

A deputation of your Council visited the place and saw the state of affairs, but I am not aware of any remedial action having been resolved upon yet.

The matter certainly needs prompt and thorough attention, for if this stream were to become polluted by any specific infectious matter as might very easily occur, your Council could scarcely be held guiltless.

Another matter, on very much the same lines, has been brought to your attention at Upper Greetland, where a stream of pure water is seriously fouled by cattle, pigs, ducks, &c., on its way to supply from 40 to 45 houses. A deputation visited this place, and the Surveyor prepared a scheme the only drawback to which was its cost—£1350 being his lowest estimate.

I sincerely hope that this matter which was reported upon by the Medical Officer of Health so far back as 1888 will not be allowed to lapse.

Hartshead is much better drained than most other parts of your district, and a scheme for its complete drainage is now in course of preparation.

The drainage of Norland has greatly improved. The sewer in Norland Town Road has been enlarged and a new tank constructed, the old one at Follingworth being abandoned.

A sewer, to take the drainage of Kitson Lane, Moor End, &c., has been made down New Clough Road, and a tank put down. I should like to draw the attention of the Council, however, to the need for a proper tank at Prospect Terrace; the houses here now drain into a small hole in the ground (a cesspool?) about one cubic yard in total

capacity. Naturally the contents soon overflow on to the land and by so doing they pollute a water supply at Scarr Head.

The state of matters at Sowerby Croft, brought to your notice in the summer by me and visited by a deputation, was certainly such as could be described by no less a word than *foul*. And, worse still, from what I can see and from what I can gather, there has only been a small portion of this abominable nuisance remedied.

I hope your Council will enforce to the letter the alterations which were suggested to you by your Surveyor.

At Norwood Green the distributors to the sewage tanks have been altered as I suggested in my last Annual Report, and the alteration has been found to be of material benefit.

The effluent on certain days when there is a large flow of sewage is not sufficiently clear, though during the ordinary flow it is satisfactory in my opinion.

This fact alone seems to indicate that the remedy should lie along the lines of providing a subsidence or settling tank into which the *excess* of sewage, at all events, could pass before flowing on to the filter beds. This would ease the filter beds very greatly, and enable them to deal more effectually with all the sewage.

The good results so obtained would be greatly enhanced by the addition of some chemical to cause more rapid precipitation, or to cause precipitation of the organic matter in solution, which ordinary filtration will not remove.

This of course would necessitate the more frequent renewal of the coke beds but is well worth trying.

Precipitants can be obtained in blocks which can be placed in the carriers or distributors and will gradually dissolve away there in proportion to the amount of sewage flowing over them.

In Skircoat there is nothing calling for very special mention in the matter of drainage.

I believe a scheme for the complete drainage of that district is in course of preparation.

Smoke Abatement.—Your Inspector has taken a number of hourly observations in connection with this, and two persons have been cautioned that they were exceeding the limit allowed, namely, five minutes emission of dense or ten minutes of moderate smoke during the hour both cases being remedied *pro tem.* at least without any further trouble.

Workshops, &c.—Three workshops and one factory have been inspected, and found in fairly satisfactory conditions.

CANAL BOATS.

Copy of Inspector's Special Report.

GENTLEMEN,

I beg to submit to you my annual report upon Canal Boats inspected by me during the year ending Dec. 31st, 1895.

I have, without exception, found the boats in good condition, clean and well kept.

The sleeping accommodation I have found satisfactory.

The following are the detailed particulars of my inspections :—

1. The number of boats inspected 34, as against 11 in 1894 and 12 in 1893. Registered to carry in cabins 132 persons, exclusive of those for which no certificates were produced ; the numbers occupying were 53 male adults, 13 female adults, and 10 children.

2. Contraventions of the Act and Regulations were found to exist in 5 cases, aud were as follows :—

Absence of certificate 3.

Infringement as to Registration 2.

3. Notice of contraventions were in each case sent to the respective owners, and have been complied with.

4. No boats have been detained for cleansing or disinfecting.

5. No case of illness of any description has been met with.

I am, Gentlemen,

Yours obediently,

ARTHUR ROWE,

Inspector.

(A)

TABLE OF DEATHS during the Year 1895, in the

HALIFAX RURAL SANITARY DISTRICT,

Classified according to Diseases, Ages, and Localities.

Names of Localities adopted for the purpose of these Statistics.	Mortality from all causes, at subjoined Ages.								Mortality from subjoined causes, distinguishing Deaths of Children under 5 Years of Age																				
									1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
													Fevers.																	
(a)	(b) At all ages.	(c) Und'r 1 year.	(d) 1 and under 5.	(e) 5 and under 15.	(f) 15 and under 25	(g) 25 and under 65.	(h) 65 and upwards	(i)	Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.	Measles.	Whooping Cough.	Diarrhœa and Dysentery.	Rheumatic Fever.	Phthisis.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Influenza.	Injuries.	All Other Diseases.	Total.
CLIFTON	39	10	2	5	1	16	5	Under 5			0			1	0					1		0		0	4	0		0	6	12
								5 upwds			1			1	1					0		2		2	3	3		1	13	27
FIXBY	6	2	—	—	—	2	2	Under 5																	1	0			1	2
								5 upwds																	1	1			2	4
GREETLAND	10	1	1	—	1	1	6	Under 5				1							1					0	0				0	2
								5 upwds				0							0					1	1				6	8
HARTSHEAD	9	4	1	—	—	3	1	Under 5				1													1	0	1		2	5
								5 upwds				0													1	1	0		2	4
NORLAND	14	5	2	—	2	1	4	Under 5			0													0	3				4	7
								5 upwds			1													1	1				4	7
NORWOOD G. & COLEY	21	2	1	—	1	12	5	Under 5														1	0	0	2	0			0	3
								5 upwds														0	1	1	4	2			10	18
SKIRCOAT	25	6	6	1	1	4	7	Under 5		1		0									1	1		0	3	0			6	12
								5 upwds		0		1									0	0		3	1	1			7	13
Total for Combined Districts	124	30	13	6	6	39	30	Under 5		1	0	2		1	0				1	1	1	2	0	0	14	0	1	0	19	43
								5 upwds		0	2	1		1	1				0	0	0	2	1	8	12	8	0	1	44	81

The subjoined numbers have also to be taken into account in judging of the above records of mortality.

Deaths occurring outside the district among persons belonging thereto.	2					2		Under 5																						
								5 upwds																	1	1				2
Deaths occurring within the district among persons								Under 5																						

Population (1891), 8,414 — Infant (under one year of age), 139 per 1,000 Births registered.

(B) TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS,

coming to the knowledge of the Medical Officer of Health, during the year 1895, in the

HALIFAX RURAL DISTRICT COUNCIL,

Classified according to Diseases, Ages and Localities

Names of Localities adopted for the purpose of these Statistics.	Population at all Ages. Census 1891.	Population at all Ages. Estimated to middle of 1895.	Registered Births. M.	Registered Births. F.	Aged under 5 or over 5.	New Cases of Sickness in each Locality coming to the knowledge of the Medical Officer of Health. 1 Smallpox	2 Scarlatina	3 Diphtheria	4 Membranous Croup	5 Fevers. Typhus	6 Fevers. Enteric or Typhoid	7 Fevers. Continued	8 Fevers. Relapsing	9 Fevers. Puerperal	10 Cholera	11 Erysipelas	12	13
(a)	(b)	(c)	(d)		(e)													
CLIFTON (H)	2275	2316	29	36	Under 5		1	0			3	0						
					5 upwds		2	1			3	1						
FIXBY	485	476	6	6	Under 5		0											
					5 upwds		3											
UPPER GREETLAND	405	359	5	5	Under 5		0									1		
					5 upwds		1									0		
HARTSHEAD	991	1062	11	17	Under 5		0		1									
					5 upwds		1		0									
NORLAND	1437	1414	17	14	Under 5		7	0										
					5 upwds		7	3										
NORWOOD G. & COLEY	875	884	11	7	Under 5		0				0							
					5 upwds		1				1							
SKIRCOAT	1946	1960	36	15	Under 5		0				0							
					5 upwds		2				1							
Total for Combined Districts	8414	8471	115	100	Under 5		8	0	1		3	0				1		
					5 upwds		17	4	0		5	1				0		

Number of such Cases Removed from their Homes in the several Localities for Treatment in Isolation Hospital.	1 Smallpox	2 Scarlatina	3 Diphtheria	4 Membranous Croup	5 Fevers. Typhus	6 Fevers. Enteric or Typhoid	7 Fevers. Continued	8 Fevers. Relapsing	9 Fevers. Puerperal	10 Cholera	11 Erysipelas	12	13
CLIFTON (H)													
FIXBY		1											
		0											
UPPER GREETLAND													
HARTSHEAD													
NORLAND													
NORWOOD G. & COLEY		0											
		1											
SKIRCOAT						0							
						1							
Total for Combined Districts		1				0							
		1				1							

Notification of Infectious Disease, compulsory in the District since Jan. 1st, 1890.

Isolation Hospital used by the sick of the District: Brighouse and District Joint Hospital; situated in Clifton (H).

APPENDIX.

SANITARY RETROSPECT.

I am only in possession of the books of the Authority relating to my office as far back as 1874, but a brief résumé of the statistics, etc., from that date may prove interesting and useful.

1874. Scarlet Fever prevalent. 3 cases of Smallpox at Hartishead. Estimated population for whole district 14,000.

1875. Estimated population 14,214. Scarlet Fever epidemic still in Hartishead and Clifton. Open sewer on Hartishead Common covered in.

1876. Rateable Value on March 25th £54342. Estimated population 14,420. System of Scavenging adopted in Clifton by Sir George Armytage, who also supplied the privies with boxes in place of the old open ashpits.

1877. Supply of water obtained from Halifax Corporation for Clifton by a private Company. Outbreak of Scarlet Fever at Copley; all houses repainted and limewhited, &c., after a house to house inspection. House to house inspection of Norwood Green and "every owner received notice to put his "property into good sanitary condition." New graveyard added to Coley Church. Norwood Green public wells cleaned out and new pumps put down.

1878. One death from hydrophobia in Fixby.

1879. Local Government Board Inquiry held at Blue Ball Inn (Norland), October 17th, into water supply scheme by Captain Robt. C. T. Hillyard. Plans furnished by Mr T. S. Patchett. Tenders let for drainage of part of Skircoat Green from Copley Wood House down Cow Lane past Mr Sutcliffe's kitchen garden over the canal to the Holmes.

1880. Norland Water Supply Scheme carried out. Water taken from Boiling Springs on the Moor (where there was an average daily yield of 133,000 gallons varying from 69,000 gallons per day in July to 213,000 gallons in March). Small covered and ventilated impounding reservoir constructed. 600 yards of 4 inch pipe laid across Moor, and continued by 600 yards of 3 inch pipe chiefly along the highway. Public wells put down at intervals and usual branches taken to property. Stainland along with Old Lindley made into a separate Urban Sanitary District. Main drainage of Hove Edge carried out—Mr T. L. Patchett engineer. Drainage of Skircoat Green (part) carried out (v. above).

1881. Inquiry held by Mr Arnold Taylor on application of Clifton to be constituted a separate Urban Sanitary District. Drainage of Hove Edge completed. Common Wood Head drained.

1882. Main drain made in Clifton from Highley Hall to top of California Well Road.

1883. Drainage of Thornhill, Clifton, thoroughly carried out. A Parochial Committee appointed for Clifton. Mr G. J. Armytage appointed chairman, Mr John M. Wood vice-chairman. Parecial Committee also appointed for Hartishead, Rev Thos. King chairman. Hove Edge—large increase in population, owing to opening of stone quarries. Open sewer Laverack Hall Lane, relaid with sanitary pipes.

1884. Service Water Tank at Norland taken up, enlarged and placed so as to receive water from springs formerly on a lower level. Supply pipes also lowered, and 462 yards of additional pipes laid. This was done because western portion of district had difficulty in getting a constant supply. Drain in Cow Lane, Skircoat, taken up and relaid (113 yards).

1885. Main sewer constructed at Norwood Green (674 yards of 9 inch pipes) from top of village to top of road leading to Rooke's farm, to drain about 50 houses. Parochial Committee appointed at Norland; first meeting held on April 2nd; Mr John Riley Atkinson chairman.

1886 and 1887. No Reports, &c., available.

1888. New Sewage Works at Norwood Green opened in presence of members of Parochial Committee and Rural Sanitary Authority.

1889. Epidemic of Diphtheria at Norland with 16 deaths.

1890. Infectious Disease (Notification) Act adopted and came into force Jan. 1st. Norwood Green supplied with water from Halifax Corporation mains. Gas also supplied.

1891. Drainage of Hartshead Moor, Clifton, into sewers of Cleckheaton Local Board carried out. Lighting of public roads carried out in Clifton. Halifax Corporation Water Mains extended to Copley Hall.

1892. Smallpox epidemic began in Clifton and Hartshead.

1893. Hove Edge incorporated with Brighouse and Rastrick.

1894. Reconstitution of Local Government of district under Parish Councils Act, 1894. Rateable value of whole district £43,457.

TABLE SHEWING AREA, POPULATION AND INHABITED HOUSES IN PORTIONS OF THE DISTRICT FROM 1801 TO 1861 INCLUSIVE.

		1801	1811	1821	1831	1841	1851	1861
FIXBY TOWNSHIP	Area in Statute Acres	...	...	...	...	890	890	935
	Inhab. Hous's	...	...	...	...	80	78	75
	Population ...	346	336	345	348	399	399	388
HARTSHE'D TOWNSHIP	Area	...	...	...	...	...	...	863
	Inhab. Hous's	...	...	...	...	...	...	167
	Population ...	...	...	...	...	...	...	779
CLIFTON TOWNSHIP	Area	...	...	...	...	...	...	2207
	Inhab. Hous's	...	...	...	...	...	...	389
	Population ..	...	...	...	...	...	...	1873
SKIRCOAT TOWNSHIP	Area	...	...	...	...	...	1340	1330
	Inhab. Hous's	...	...	...	...	1013	1316	1604
	Population ..	2338	2823	3323	4060	5237	6940	...
NORLAND TOWNSHIP	Area	...	...	...	...	...	1140	1273
	Inhab. Hous's	...	...	...	...	310	336	356
	Population ..	1181	1316	1665	1618	1670	1706	1718

Notes.—1. The township of Fixby here includes the hamlets of Cote, Knowls and Stone.

2. Previous to 1861 the returns for the hamlets of Hartshead and Clifton were not separated.

3. The township of Skircoat here includes the hamlets of Heath, Skircoat Green, Shaw Hill, Woodhouse and Bolton Brow, the village of Salterhebble, and part of the village of King Cross. In 1851 many persons were temporarily present engaged in the construction of railways.

TABLE SHEWING POPULATION, &c., IN THE DISTRICT OF THE HALIFAX RURAL SANITARY AUTHORITY, FROM 1871 TO 1891 INCLUSIVE.

(*Taken from the official Census Returns*).

	Population.			Area in Stat'te Acres.	Houses.			Rateable Value.
	Males.	Females.	Total.		Inhabited.	Uninhabitd	Building.	
1871	...	...	8205	9155	...	...	...	£52,940
1881	4526	4730	9256	10172*	1974	135	23	£43,807
1891	4610	4925	9535	9728	2088	115	7	£47,620

* This area is only an approximate estimate.

TABLE GIVING DETAILS AS TO POPULATION, &c., IN SUB-DISTRICTS AT CENSUS, 1891.

	Population.			Houses.				Population Census 1881.	Increase duri'g 1881-1891.	Decrease duri'g 1881-1891.
	Males	F'm'ls	Total.	Inhabited.	Uninhab'td	Building.	Less than 5 rooms			
CLIFTON - - -	1111	1164	2275	471	8	1	399	2182	93	—
FIXBY - - -	250	235	485	100	6	—	58	503	—	18
UPPER GREETLAND	202	203	405	86	16	—	71	535	—	130
HARTSHEAD - -	515	476	991	216	19	—	191	842	149	—
NORLAND - -	687	750	1437	328	40	—	283	1493	—	56
NORWOOD GREEN, HOVE EDGE & COLEY	963	1023	1986	440	14	5	369	1761	225	—
SKIRCOAT - -	882	1064	1946	446	12	1	377	1913	33	—
Total - -	4610	4915	9525	2087	115	7	1748	9229	500	204

TABLE C. 1895.

HALIFAX RURAL SANITARY DISTRICT.

MEDICAL OFFICER OF HEALTH, MEREDITH YOUNG, M.B. C.M.

Term of Appointment, One year. Present Salary, £60.

SANITARY INSPECTOR, ARTHUR ROWE. Salary, £87.

RATEABLE VALUE (1895) for Poor Rate, £43,457.

General District Rate, Highways 1/-; Special Rates vary.

WATER SUPPLY—

No extension or change during 1895.

SEWERAGE AND SEWAGE DISPOSAL—

Extensions or Improvements during 1895? Many small schemes carried out: see text of report.

SCAVENGING—

Are the privy middens, &c., cleansed by sanitary staff, by contractors, or by tenants? By tenants (Clifton by contractors).

Frequency? As required. Annual cost? Clifton £55.

Is the present arrangement satisfactory? Clifton, Yes; other districts, No.

BYE-LAWS, REGULATIONS, AND ADOPTIVE ACTS—

Infectious Disease Notification Act, 1889. Date of adoption, Jan. 1st, 1890.

Regulations under the Dairies, Cowsheds and Milkshops Orders. Date of adoption, Jan. 1st, 1889.

REGULATED BUILDINGS, TRADES, &c.

	Number. Registered.	Number. Inspected.	General Condition?	Legal Proceedings (if any).
Canal Boats ...	34	34	Satisfactory.	None.
Slaughter H'us's	5	5	With 1 exception, good.	,,
Bakehouses ...		2	Good.	,,
Cowsheds ...	43	43	Fairly satisfactory.	,,
Offensive Trades (Please Specify Nature)		5	2 fair, 3 unsatisfactory. (See text of Report.)	,,

L. G. B. Enquiries—Skircoat: *Re* formation of Skircoat and Norland into Urban District.

BIRTHS—(*a*) Number of each sex, Male, 115, Female, 100.
(*b*) No. Illegitimate, included in the above, none.

DEATHS—(*a*) Number of each sex, Male, 64, Female, 62.
(*b*) No. Uncertified, included in the above: Not distinguished by Registrars.

DEATH RETURNS—What correction (if any) is made for non-residents dying within the District? } None necessary.

Are any Returns obtained of deaths of residents occurring in public institutions, Workhouses, Hospitals, &c.) outside the District. } Yes: Deaths of 2 males included in above totals.

HOSPITAL FOR INFECTIOUS DISEASES—
No. of Beds, 48. Charges to Patients, *nil*.
What Diseases are admitted? Smallpox only.

DISINFECTION. Apparatus Steam.

SANITARY WORK—
Number of Houses built during 1895: 39, twenty others incomplete.
Total number of Nuisances in hand at close of 1894, 37; at close of 1895, 24.
Reported during 1895, 225.
Abated during 1895, 238.
Total No. of Summonses or other legal proceedings, *nil*.
House Drainage: No. of Sinks disconnected and trapped during 1895, 64.

CLOSETS. Number constructed during 1894, 18—16 privy middens and 2 w.c's.

Action taken in regard to the following matters:—
Houses unfit for habitation: 2 remedied.
Samples taken under the Sale of Food and Drugs Acts, 10. Prosecutions, none.
Smoke Abatement:—Two offenders cautioned: Remedied.
Workshops:—Three inspected.

J. S. JOWETT, PRINTER, "NEWS" OFFICE, BRIGHOUSE.